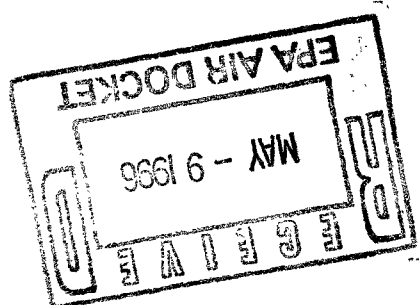


INSTRUCTION MANUAL FOR PERMIT APPLICATION FORMS

40 CFR PART 71 FEDERAL OPERATING PERMITS PROGRAM



US EPA
FEBRUARY, 1996

**Instructions For Completing Part 71
Operating Permit Application Forms
(In Accordance With Rules Found
at 40 CFR Part 71)**

Who Must Apply for a Permit

This application package must be completed for each part 71 source required to apply for and obtain a federal operating permit under regulations promulgated at 40 CFR part 71 and under the authority of title V of the Clean Air Act (the Act). Please refer to § 71.3 for detailed information on which sources are subject to these requirements. The forms must be signed by a responsible official attesting to the truth, accuracy, and completeness of the information in the forms and attachments. These forms can be used to apply for the initial operating permit, renewals, and permit revisions for part 71 sources and, in certain cases, revisions or reopenings to part 70 permits.

Addresses of Regional Offices

The attached forms should only be used to apply for permits that will be issued by the United States Environmental Protection Agency (EPA) or a State permitting authority that has been delegated authority to issue part 71 permits. Permitting agencies delegated authority to perform certain duties under part 71 may have approval to provide applicants with other application forms that are equivalent to the forms in this package. When applying for an operating permit under 40 CFR part 70, contact the State, local or tribal environmental agency with authority to issue permits in the area where the facility is located for the proper application forms.

If you have any questions about the forms, whether you need to apply for a part 70 or 71 permit, or you are uncertain about who is administering the program in effect at your location, please call the following EPA regional offices:

REGION I

Permit Contact, Air Management Division,
U.S. Environmental Protection Agency, John
F. Kennedy Federal Building, Boston,
Massachusetts, 02203, 617-565-3800.
Connecticut, Maine, Massachusetts,
New Hampshire, Rhode Island, and
Vermont.

REGION II

Permit Contact, Air and Waste Management
Division, U.S. Environmental Protection
Agency, New York, New York 10278, 212-
264-2301.

New Jersey, New York, Puerto Rico,
and Virgin Islands.

REGION III

Permit Contact, Air, Radiation and Toxics
Division, U.S. Environmental Protection
Agency, 841 Chestnut Building,
Philadelphia, Pennsylvania 19107, 215-
597-9390.

Delaware, District of Columbia,
Maryland, Pennsylvania, Virginia,
and West Virginia.

REGION IV

Permit Contact, Air, Pesticides and Toxics
Management Division, U.S. Environmental
Protection Agency, 345 Courtland Street,
N.E., Atlanta, Georgia 30365, 404-347-
3043.

Alabama, Florida, Georgia, Kentucky,
Mississippi, North Carolina, South
Carolina, and Tennessee.

REGION V

Permit Contact, Air and Radiation
Division, U.S. Environmental Protection
Agency, 77 West Jackson Boulevard,
Chicago, Illinois 60604-2000, 312-353-
2212.

Illinois, Indiana, Minnesota, Ohio,
and Wisconsin.

REGION VI

Permit Contact, Air, Pesticides and Toxics
Division, U.S. Environmental Protection
Agency, First Interstate Bank Tower at
Fountain Place, 1445 Ross Avenue, Dallas,
Texas 75202-2733, 214-655-7200.

Arkansas, Louisiana, New Mexico,
Oklahoma, and Texas.

REGION VII

Permit Contact, Air and Toxics Division,
U.S. Environmental Protection Agency, 726
Minnesota Avenue, Kansas City, Kansas
66101, 913-551-7020.

Iowa, Kansas, Missouri, and
Nebraska.

REGION VIII

Permit Contact, Air and Toxics Division,
U.S. Environmental Protection Agency, 999
18th Street, Denver, Colorado 80202-2405,
303-293-0946.

Colorado, Montana, North Dakota,
South Dakota, Utah, and Wyoming.

REGION IX

Permit Contact, Air and Toxics Division,
U.S. Environmental Protection Agency, 75
Hawthorne Street, San Francisco,
California 94105, 415-744-1219.

Arizona, California, Hawaii, Nevada,
Guam, and American Samoa, and the
Northern Mariana Islands.

REGION X

Permit Contact, Air and Toxics Division,
U.S. Environmental Protection Agency, 1200
Sixth Avenue, Seattle, Washington 98101,
206-553-4152.

Alaska, Idaho, Oregon, and
Washington.

Additional Application Forms

If your facility is required to submit a permit application under phase II of the acid rain program, the proper application forms can be obtained by contacting the appropriate EPA regional office or the permitting authority delegated authority by EPA to permit acid rain sources. Submittal of acid rain permit applications may occur by different deadlines than those for submittal of initial part 71 permit applications. Sulfur dioxide permit applications and proposed compliance plans are due to the EPA by January 1, 1996. The NOx permit applications and proposed compliance plans are due to the EPA by January 1, 1998. For more information on the acid rain program, you may either call the above listed EPA regional offices or the Acid Rain Hotline at 202-233-9620.

Where To File the Application Forms

The completed application should be mailed to the EPA regional office responsible for permitting in the State where your facility is located (See above list of regional offices). When a State or other

permitting agency has been delegated the part 71 program, your application should be mailed to that agency.

When To File the Application Forms

A part 71 source is subject to the requirement to submit an application on the effective date of the program or when the source commences operation, whichever occurs later. If a part 71 source is operating at the time that the part 71 program is established and has a current part 70 permit, the source is not required to apply for a part 71 permit until their part 70 permit expires. Once required to submit an application, a source has up to 12 months to do so. If a source is required to submit the application earlier than 12 months after the part 71 program is established, they will be notified in advance by the permitting authority (the EPA or the delegated agency) of this requirement. In no case will this notice be given less than 6 months in advance of the submittal date. Methods used to notify the source may be a letter sent by the EPA or State agency or a public notice in a local newspaper. If a source is renewing a part 71 permit, the application must be submitted within the timeframe required in the existing permit (between 6 and 18 months prior to the date of permit expiration).

Payment of Fees

Part 71 sources are required to submit information concerning actual emissions and pay annual fees consistent with a national fee schedule (promulgated at \$71.9) or any other fee schedule promulgated by the EPA for a State, local, or tribal area in effect where the facility is located. Each part 71 source must submit an initial fee calculation worksheet for the preceding calendar year by the deadlines specified in §§ 71.9(f) and (g). These deadlines may or may not coincide with the deadlines for application submittal. After initial submittal, the fee calculation worksheet must be submitted on an annual basis by the deadline specified in § 71.9(h). Appropriate penalties and interest will be billed to sources that submit fee calculation worksheets and pay fees after the required deadline.

Availability of Information To The Public and Confidential Treatment of Information.

Information contained in the permit application will, upon request, be made available to the public for inspection and copying. If sources wish to request confidential treatment for business information, such information should be submitted separately to the permitting authority along with a claim of confidentiality as provided in 40 CFR part 2, subpart B. The applicant may be required by the delegate agency to provide a copy of the permit application directly to the Administrator. All business confidentiality claims will be processed by the permitting authority following the procedures found in that subpart.

Information Collection Burden Estimates

The OMB has approved the information collection requirements of the final rule as reflected in this application package under the provisions of the Paperwork Reduction Act, 44 U.S.C. 3501 et. seq. and has assigned OMB control number 2060-0336.

The information is planned to be collected to enable EPA to carry out its obligations under the Act to determine which sources are subject to the Federal Operating Permits Program and what requirements should be included in permits for sources subject to the program. Responses to the collection of information will be mandatory under § 71.5(a) which requires owners or operators of sources subject to the program to submit a timely and complete permit application and under §§ 71.6(a) and (c) which require that permits include requirements related to recordkeeping and reporting.

The annual average burden on sources for the collection of information is approximately 2.6 million hours per year, or 471 hours per source. The annual cost for the collection of information to respondents is \$48.3 million per year, assuming the part 71 program is in effect in 8 States. There is no burden for State and local agencies. The annual cost to the Federal government is \$52.8 million (assuming part 71 programs are delegated), which is recovered from sources through permit fees. Thus, the total annual cost

to sources would be \$101 million. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, OPPE Regulatory Information Division; U.S. Environmental Protection Agency (2136); 401 M St., S.W.; Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th St., N.W., Washington, DC 20503, marked "Attention: Desk Officer for EPA." Include the ICR number in any correspondence.

Record Retention

Applicants must retain records, materials, worksheets, or other support material used in the preparation of the permit application for a period of at least 5 years from the date of application or, for emissions data used to calculate fees, for 5 years following the year in which emissions data is submitted [see §§ 71.6(a)(3)(ii), 71.6(e) and 71.9(i)]. This would, for example, include records used to determine fee payment or compliance with applicable requirements.

Assistance On Completing Application Forms

In addition to obtaining assistance from the regional offices, the following hotline services also may be contacted:

The Technology Transfer Network (TTN) is a network of computer bulletin boards providing information and technology exchange in many areas of air pollution control, ranging from emissions test methods to regulatory air pollution models. Information concerning operating permits can be found on the TTN on the Clean Air Act Amendments (CAAA) Bulletin Board under "Title V." The telephone number for information on how to access the system is (919) 541-5384.

For information on the Clean Air Act and regulations, Federal air pollution control standards, and air pollution control technologies, contact the Control Technology Center at 919-541-0800.

For information on air emissions testing methods, emissions monitoring methods, and Federal testing and monitoring requirements, contact the Emissions Measurement Technical Information Center at 919-541-1060.

For information on pollution prevention methods, contact the Pollution Prevention Information Clearinghouse at 703-821-4800.

For information regarding ozone protection requirements under the Clean Air Act, contact the Stratospheric Ozone Information Hotline at 800-296-1996.

Small businesses may also contact the Federal Small Business Assistance Program located at the Control Technology Center's Hotline or the Small Business Ombudsman's Office at 800-368-5888.

Organization of Application Forms

The application package is composed of the following forms:

GIS	General Information and Summary
EUD-1	Emissions Unit Description for Fuel Combustion Sources
EUD-2	Emissions Unit Description for VOC Emitting Sources
EUD-3	Emissions Unit Description for Process Sources
IE	Insignificant Emissions
EMISS	Emissions Calculations
PTE	Potential to Emit Summary
FEE	Calculation Worksheet
CP	Compliance Plan
CC-1	Compliance Certification (Method of Compliance)
CC-2	Compliance Certification

The following forms are designed to contain information related to the entire part 71 source: GIS, IE, PTE, FEE, CP, and CC-2. In addition, forms EMISS and CC-1, as well as the emissions unit description forms, EUD-1, EUD-2, and EUD-3 are designed to contain information pertaining to individual emissions units located at the facility.

Form GIS is provided to report general information and to summarize other relevant information contained in other parts of the form or attachments, consistent with the requirement in § 71.5(a)(2) to submit information sufficient to evaluate the subject source and its application and to determine all applicable requirements. Note that some of the information requested in certain sections of this form may not be known until the other forms have been completed.

Emissions unit description forms (EUD-1, EUD-2, and EUD-3) are included in this package to assist applicants in describing individual significant emissions units that do not qualify for streamlined or insignificant treatment, consistent with the general requirements of §§ 71.5(c)(2) through (7). Form EUD-1, emissions unit description for fuel combustion sources, is best used to describe fuel burning equipment such as boilers, steam generators, stationary internal combustion engines, gas turbines, and similar sources. Form EUD-2, emissions unit description for volatile organic compound (VOC) emitting sources, is best used to describe VOC emitting sources such as spray coating sources, automotive refinishing, printing, semiconductor manufacturing, or similar type of sources that use coatings or solvents. Form EUD-3, emissions unit description for process sources, is appropriate for most other types of sources.

Form IE is designed to list emission units eligible for insignificant treatment under § 71.5(c)(11)(ii).

Forms EMISS and PTE are designed to assist sources with meeting the requirements of § 71.5(c)(3) to submit emissions information. Form EMISS is provided to help applicants organize data and calculate emissions for each significant emission unit. Form PTE is provided to summarize potential to emit for

applicability purposes for the entire part 71 source.

Form FEE is provided to calculate actual emissions for fee purposes and to calculate the fee amount for the facility. Form FEE may be used as the initial or annual fee calculation worksheet, consistent with §§ 71.5(c)(3) and 71.9.

Form CP is designed to meet the requirements of § 71.5(c)(8) concerning compliance plans. Form CC-1 is designed to describe the methods used for determining compliance as part of the compliance certification required by § 71.5(c)(9)(ii). Form CC-2 is designed to submit the other information required within compliance certifications, as required by § 71.5(c)(9)(i), and § 71.5(c)(9)(iii) and (iv).

Applications for permit revisions need only supply information related to the proposed change. Attachments may also be needed to address any additional application requirements of the revision procedures of § 71.7 or of the applicable requirements themselves.

If you have questions concerning the appropriate forms to submit for a particular type of facility or application type, or need other assistance in filling out the forms, please contact the appropriate regional office identified on page 1 and 2 of the instructions.

Application Completeness

The permitting authority must notify applicants that their forms are incomplete within 60 days of submittal, along with a request for additional information, or the forms will be automatically deemed complete. In general, applications will be found complete if they contain enough information for the permitting authority to begin processing the application. For further information on what information must be submitted in the forms contained herein, please examine the guidance document entitled: White Paper for Streamlined Development of Part 70 Application (white paper), issued July 10, 1995, which is being used for part 71 purposes. Note that all information ultimately needed to issue a permit may not be required by the application submittal deadline, but may be required by the time that the permitting authority

drafts the permit. Please contact the permitting authority for additional information on the criteria for determining completeness and what detailed information may be submitted after the application submittal date.

Applicants must update their application, after submittal but prior to release of the draft permit, to address any applicable requirements that become applicable to the source after it files a complete application. After the application is administratively complete, the permitting authority may request additional information in writing, giving a reasonable time for response. It is also the responsibility of applicants who fail to submit relevant facts or submit incorrect information in an application to promptly submit supplementary facts or corrected information.

In addition to the submittal of standard application forms, applicants may need to submit supplemental information on attachments. If the space provided on the form is insufficient or not appropriate for an adequate description, attachments may also be utilized. To indicate that each section has been considered, enter "NA" for "not applicable" or indicate that it is applicable but the information will be submitted at a later date and indicate the date it will be submitted (either in the space provided or on an attachment).

If you have previously submitted information to EPA or to an approved State agency that is required to be submitted in these application forms, you may either repeat the information in the space provided or cross-reference the relevant materials or documents and attach a copy of the previous submission to the back of the original forms. Cross-referenced material must be clear and current with respect to the emissions units and applicable requirements for which it is supplying information.

Specific Instructions For Each Form

Please type or print in blue or black ink.

Form GIS - General Information and Summary

Use this form to provide general and summary information about the part 71 source and to indicate the permitting action requested.

This form should be submitted once for each part 71 source (facility or plant). Since this form asks for summary information, several sections may need to be completed after the rest of the forms in this forms package. In addition, section Q should be completed last, since it is a certification by a responsible official attesting to truth, accuracy and completeness of the information contained in this and all other forms (as well as any attachments) submitted with the application.

Section A - Enter the facility's official or legal name. Do not use a colloquial name.

Section B - Enter the complete mailing address for the facility and the name, telephone number, and facsimile number (if desired) for the contact person. The contact person should be a person familiar with the day-to-day operation of the facility, such as a plant site manager or other individual, who should be available to be contacted by the permitting authority. If there is more than one contact person, list the others on an attachment.

Section C - Indicate whether the source is a temporary source. Temporary sources must provide information on each location and should use section C of this form to provide information on the first location and attachments to describe the other locations. If different from the mailing address, include the plant site location. If the plant site lacks a street address, provide the most accurate alternative geographic description in the plant site location field (e.g., township, range, and section, or a narrative description of its location in relation to easily identifiable features, such as towns or

roadways). If there is no known street address for the plant site or the alternative plant site location description is vague, include latitude and longitude (lat/long) or universal transverse mercator (UTM) coordinates. In addition to plant site street address, or an alternative description, temporary sources must provide lat/long or UTM coordinates for each location on an attachment. See page 1 and 2 of the instructions to determine the EPA region where the source is located and enter the number of the region in the space provided. Indicate whether the source is located on Indian lands, in outer continental shelf waters, or in a nonattainment area, and enter the pollutants for which the area is nonattainment. If the facility is within 50 miles of an "affected State" under the definition of § 71.2 check "yes" and enter the abbreviation or name of the affected State(s).

Section D - Enter the name, address and telephone number of the owner of the facility. If there is more than one owner, list the other owners on an attachment. For example, the owner(s) could be an individual, a partnership, a company, a parent company, or a corporation, or any combination of these.

Section E - Enter the name, address, and telephone number of the operator. For example, the operator may be an individual or a company. In some cases the owner and operator may be the same individual or company.

Section F - Mark the appropriate box to indicate whether the application is for initial permit issuance, renewal or revision. Mark initial permit issuance if you are applying for a part 71 permit for the first time. Also, if applying initially, please provide the date that operations commenced. Mark renewal only if a part 71 permit is being renewed and include the date that the existing permit expires in the space provided. For revisions, mark the appropriate box to indicate the type of revision [described in § 71.7(e)]. For all types of permit revisions, applicants must provide a brief narrative description of the changes to occur.

Section G - Check the appropriate boxes to indicate the applicable requirements

that apply to the part 71 source (facility) or to any emissions units, including insignificant activities, at the facility. The definition of applicable requirements is in § 71.2. Applicants may wish to complete emission unit description forms before completing this section. If the facility is required to register a risk management plan, indicate whether or not a plan has been registered and if so, the name of the regulatory agency. If the facility has applicable requirements of phase II of the acid rain program, indicate whether or not a phase II acid rain application has been submitted separately from this application and enter the name of the permitting agency. In addition to the requirement to submit an acid rain application under 40 CFR part 72, part 71 sources with acid rain applicable requirements must submit a part 71 permit application addressing acid rain requirements in the same manner as other applicable requirements of the Act. Additionally, use the space provided to cite and describe any emission-limiting requirements that apply to the facility as a whole, such as facility-wide limitations on operational schedule. This space can also be used by applicants to request that emission-limiting terms or conditions be placed in a part 71 permit. Limitations on potential to emit (PTE) that apply solely to a particular emissions unit should be described later on the appropriate emissions unit description form in the applicable requirements section.

Section H - List, in descending order of priority when more than one, the 4-digit standard industrial classification (SIC) code(s) that best describes your facility in terms of its principal products or processes, and provide a narrative description for each classification. Also list any processes, products, and SIC codes associated with any alternative operating scenario listed in section I below if different from those for normal operation. For a listing of SIC codes, see the Standard Industrial Classification Manual, 1987 edition or later, prepared by the Executive Office of the President, Office of Management and Budget, which is available from the Government Printing Office, Washington DC.

Section I - Assign a unique emissions unit identifier (unit ID) under the "emissions unit ID" column and provide a text description for each emissions unit

at the source. You may assign a unit ID to emissions units, activities, or pieces of equipment that can be grouped together because they are all part of the same process, if this will help you to better describe the emissions or applicable requirements that apply to the part 71 source. Be sure to assign unit IDs to all emissions units or activities that are part of the source, including sources of fugitive emissions, but not insignificant activities, whether or not the emissions count toward major source applicability. You may choose any numbering system you wish to assign unit IDs as long as each pertinent emissions unit is uniquely identified. You may use any combination of letters and numbers, however, please use numbers in consecutive order. If an emissions unit has previously been assigned an unit ID, use the same ID. If this is an application for a permit revision, each originally permitted emissions unit should already have an unit ID. If the unit is a new unit, assign a unit ID consistent with the existing unit IDs.

In addition, describe and assign a unique unit ID for each alternative operating scenario and each piece of pollution control equipment. When possible, assign these numbers so as to show with which emissions units or processes these scenarios or control devices are associated. For example, if an emissions unit ID is 001, then the first piece of control equipment might be assigned ID 001-C01, the second piece of control equipment for the same emissions unit might be 001-C02, and so on.

When describing the emissions unit, provide the name of the emissions unit and briefly describe the emitting activity and points of emission. Also identify each alternative operating scenario, the emissions unit(s) with which it is associated, and describe the alternative operating conditions. For control devices, indicate the type of control device and the emissions unit or process with which it is associated.

Do not provide emission unit IDs for emission units or activities eligible for insignificant treatment under § 71.5(c)(11). Information concerning insignificant activities [listed at § 71.5(c)(11)(i)] is not required on any form or attachment. However, information concerning emission units that are

eligible for insignificant treatment under the insignificant emissions provisions of § 71.5(c)(11)(ii) must be provided on a list on form IE.

The terms: "source," "part 71 source" and "emissions unit" are used throughout the instructions and forms. The term "source" has the same meaning as the term "stationary source" as defined in § 71.2, and generally refers to any entity that emits any regulated air pollutant or pollutant listed under section 112(b), such as an emissions unit or a group of emissions units (e.g., a major source). The term "part 71 source" is defined in § 71.2, and is normally used to refer to the facility or the plant being permitted (the major source). An "emissions unit", as defined in § 71.2, is any part or activity of a stationary source that emits or has potential to emit any regulated air pollutant or any pollutant listed under section 112(b) of the Act.

Section J - Attach either a site diagram, plot plan, or map to the application. This must show the location of each process, emissions unit, or group of similar emissions units at the facility. Include the map scale and indicate North. The diagram, plan, or map should show lat/long or UTM coordinates. Temporary sources and other sources with ambient impact assessment as an applicable requirement must show exhaust points, building dimensions (height, width, and length), property boundaries, and roads (including haul roads) located within the property boundaries. Show any differences in configuration when operating under alternative operating scenarios on this diagram or on additional diagrams. For temporary sources, indicate any differences in configuration from one location to another.

Section K - Attach either a block diagram or process flow chart for the facility showing all emissions units, including air pollution control equipment. Label the process equipment, air pollution control equipment, emissions sources, and all stacks and vents. Show the flow of inputs and outputs by labeling entry and exit points of all raw materials, intermediate products, by-products and finished products. For air pollution control equipment, show the following items (some might not be applicable for all control equipment): mass flow of

material, heating sources, inlet and outlet temperatures, water flow rates for cooling and scrubbing, air flow rates, and points of air pollutant collection or exhaust. Include information concerning any alternative operating scenarios, including any associated control equipment, in this flow chart or block diagram or on additional flow charts. For temporary sources, show any variations from one location to another or include a process flow chart for each location.

Section L - It is helpful to complete forms PTE and FEE before completing this section. Show the total emissions for the part 71 source in terms of PTE for applicability purposes for each air pollutant listed below and the total actual emissions for fee purposes. Applications for permit revisions should report PTE after the change for the emissions units affected by the change.

The term "NOx" is an abbreviation for nitrogen oxides, "VOC" for volatile organic compounds, "SO2" for sulfur dioxide, "PM10" for particulate matter with an aerodynamic diameter of 10 micrometers or less, and "CO" for carbon monoxide. The space for lead refers to elemental lead regulated by a NAAQS, while compounds of lead are HAP. Each HAP on the list of 189 included in section 112(b) of the Act is a separate regulated air pollutant. Indicate the total PTE for the single HAP emitted in the greatest amount and the aggregate of all HAP for the facility. Include fugitive emissions when reporting the PTE of these pollutants to the extent that they count toward major source applicability. All fugitive emissions of HAP count toward major source applicability. For additional information on when fugitive emissions are counted in major source applicability determinations refer to the definition of major source in §71.2 and EPA guidance on this issue available on the TTN.

If you are submitting form FEE at this time, include the total for actual emissions in the space provided. This total can be obtained from section F, line 5, of form FEE. When totaling actual emissions, include all emissions, including fugitives, regardless of whether they count toward applicability or not.

Section M - Indicate the permit number, permit type, and permitting authority for

any existing federally-enforceable permit in the spaces provided. If more than one, submit this information on an attachment.

Section N - If any emissions unit within your facility is applying, has applied, or currently has a general permit, identify the emissions unit ID and name of the unit, consistent with section I of this form. Also indicate whether an application has been submitted or whether general permit coverage has already been granted. If granted, identify the general permit (permit number and brief description) and enter the date that the general permit expires.

Section O - If the application cross references information from other applications or documents, such as NSR applications, check "yes" in the appropriate box and attach copies of the cross referenced document to the application.

Section P - Federal law requires that title V permit applications be signed by a responsible official. The definition of responsible official can be found at § 70.2. Provide the name, title, address, telephone number, and, if desired, the facsimile machine number for the responsible official.

Section Q - The responsible official must sign and date the certification of truth, accuracy and completeness. This should be done after all application forms are complete and the responsible official has reviewed the information. Normally this would be the last field entered in the forms package before mailing to the permitting authority.

Form EUD-1 - Emissions Unit Description for Fuel Combustion Sources

This form is designed to describe emissions units that combust solid or liquid fuels, such as boilers, steam generators, electric generating plants, stationary internal combustion engines, gas turbines, and other commercial and domestic fuel combustion units.

This form may be used for each individual emissions unit identified in section I of form GIS that is a fuel combustion source. Please copy as many EUD-1 forms as needed so that each form contains information on a unique emissions unit.

Section A - Provide the emissions unit ID and description consistent with section I of form GIS. Enter the four-digit SIC code for the unit. Note that this SIC code may be different than that listed in section H of form GIS regarding the SIC code for the products and processes of the facility. In addition, complete the source classification code (SCC), if known or available. Entry of the SCC code is not mandatory but is useful because it identifies a specific process, the pollutant(s) from that process, and related emissions factors (for purposes of calculating emissions). Furthermore, provide the emissions unit ID for the air pollution control device associated with this unit. If more than one, describe them on an attachment. For example, such equipment may include scrubbers, electrostatic precipitators, fabric filters, low Nox burners, and flue gas cleaning.

Section B - Describe the primary use for the emissions unit in terms of its products or processes, whether or not the unit is a temporary source, the manufacturer, model, and serial number, and the installation date of the equipment. For boilers, indicate the type of boiler by checking one of the appropriate boxes. If the "other" box is checked, fill in the boiler type in the space provided. Provide horsepower rating and boiler steam flow. For coal burning equipment, check the appropriate box for the type of solid fuel burning equipment. If you check "other," enter the type of equipment. Provide the maximum and average heat input in million British thermal units (MM BTU) per hour.

There may be other information that the permitting authority will need to know that is not specifically requested on the forms and that should be included on attachments. Such information would include information needed to adequately identify the emissions unit and to determine compliance with applicable requirements or the requirements of part 71. See §§ 71.5(c)(2) through (7) for a more thorough description of the types of

additional information that may be needed.

Section C - Describe the primary fuel type that the unit will use during the majority of its operating hours and list any standby fuel types. Types of fuels include coal, fuel oil, natural gas, byproducts of fuels, liquified petroleum gas, wood, coke, refinery gas, etc. In the table list the fuel type, including the classification of the fuel (e.g., bituminous or lignite coal, number 2 fuel oil). Include the maximum weight percent sulfur content of the fuel, the percent ash content of the fuel, and the heat content or BTU value (per cubic foot, gallon, or pound, for example) of the fuel. Your fuel supplier should be able to provide such information. If the supplier provides a range of values, use the highest or worst-case value. Attach documentation from the supplier, if available, or describe how these values were determined.

Section D - For each fuel type listed in section C, state the actual usage and maximum usage. Actual fuel usage will be used to calculate actual emissions for purposes of calculating fees. Maximum usage will be used to calculate PTE. If your fuel is a combination of several fuel types, indicate the average percentage of each fuel on an hourly and yearly basis in the appropriate column or on an attachment.

The basis of this fuels usage data must be explained on an attachment. For example, actual fuel consumption could be established from purchase records or records of fuel consumption over the preceding calendar year or for sources that have not yet operated for a full year, from estimations of actual usage.

Section E - List each applicable requirement that applies to the emissions unit, including a citation for the requirement and a brief text description of the standards, limitations, or other requirements imposed by the applicable requirements. More detail concerning the specific emissions limitations, work practice standards, equipment requirements, monitoring, recordkeeping and reporting requirements, and test methods imposed by the applicable requirement must be provided on form CC-1. The citation will be either from the CFR,

or for SIP-based applicable requirements, from a States's administrative code. For example, if the unit is a steam generating unit that commenced construction after June 19, 1984 and has a heat input capacity greater than 29 megawatt (MW), the applicable requirement is the NSPS for Industrial-Commercial-Institutional Steam Generating Units and the citation is 40 CFR part 60, subpart Db. For subpart Db, for example, the text description might be "emissions limits, compliance and performance test methods and procedures, and emissions monitoring for NOx, SO2 and PM; and recordkeeping and reporting requirements."

Section F - Identify and describe the control device. If more than one control device is used, include additional information on attachments. Provide the device type (e.g., baghouse, wet scrubber or flue gas desulfurization), the regulated air pollutants controlled by the equipment (e.g., NOx or SO2), the manufacturer, model number, serial number, and installation date of the equipment. Indicate the control efficiency and the efficiency estimation method (the vendor, AP-42, or the permitting authority may be consulted for further information). Attach copies of correspondence from the vendor documenting these values, if available, or indicate how these values were determined.

Section G - Complete this section only if ambient impact assessment is an applicable requirement or the facility is a temporary source. Provide the stack height in feet above ground level, the inside stack diameter of the top of the stack in feet, and the exit gas temperature in degrees Fahrenheit. In addition, provide the design (or maximum) stack flow rate and actual (or average) stack flow rate in actual cubic feet per minute (ACFM). Also provide the exit gas velocity in feet per second.

Sources required to complete this section will likely need to provide attachments showing other information, data and calculations sufficient to address requirements of the NAAQS, increment, or visibility requirements under part C of title I of the Act.

**Form EUD-2 - Emissions Unit
Description for VOC Emitting
Sources**

This form is designed to describe emissions units that consume, process, store or produce substances containing VOC and that primarily emit VOC, such as painting or coating operations, printers, storage tanks, chemical reactors, and solvent degreasing (cleaning) operations.

This form may be used for each emissions unit identified in section I of form GIS that is primarily a source of VOC emissions. This form could also be used in other cases, for example, for certain HAP emitting sources. Please copy as many EUD-2 forms as needed so that each form contains information on a unique emissions unit.

Section A - Provide the emissions unit ID and description consistent with section I of form GIS in the space provided. Enter the four-digit SIC code for the unit. Note that this SIC code may be different than that listed in section H of form GIS regarding the SIC code for the products and processes of the facility. In addition, enter the source classification code (SCC), if known or available. Entry of the SCC code is not mandatory but is useful because it identifies a specific process, the pollutant(s) from that process, and related emissions factors (for purposes of calculating emissions). Furthermore, provide the emissions unit ID for the air pollution control device associated with this unit. If more than one, describe them on an attachment. For example, such equipment may include activated carbon or incinerators.

Section B - Describe the equipment type, whether the unit is a temporary source, the manufacturer, model and serial number of the unit. For coaters and degreasers, describe the articles being coated or degreased. Describe the coating or degreaser application method. For example, coating operations can be a toll or captive surface coating method, base coat/clear coat topcoating system, utilize conventional spray, hot airless spray, or rotogravure, flexographic, or offset

lithographic printing processes. For degreasers, the method might be a maintenance cold cleaner, dip tank manufacturing cold cleaner, or open top vapor degreaser. Enter the percent overspray of the surface coating operation. For degreasers, describe the degreaser application method and the tank capacity in gallons. In addition, for both coaters and degreasers, explain the drying method and the number of dryers.

There may be other information that the permitting authority will need to know that is not specifically requested on the forms and that should be included on attachments. Such information would include information needed to adequately identify the emissions unit and to determine compliance with applicable requirements or requirements of part 71. See §§ 71.5(c)(2) through (7) for a more thorough description of the types of additional information that may be needed.

Section C - List each applicable requirement that applies to the emissions unit, including a citation to the requirement and a brief text description of the standards, limitations, or other requirements imposed by the applicable requirements. More detail concerning the specific emissions limitations, work practice standards, equipment requirements, monitoring, recordkeeping and reporting requirements, and test methods imposed by the applicable requirement must be provided on form CC-1. The citation will be either from the CFR or, for SIP-based applicable requirements, from a State's administrative code. For example, if the unit is a large appliance surface coating line, then 40 CFR part 60, subpart SS is an applicable requirement. For subpart SS, for example, the text description might be "emissions limits for VOC, compliance calculations, performance test methods and procedures, temperature monitoring, recordkeeping and reporting requirements."

Section D - Identify and describe the control device. If more than one control device is used, include the information on attachments. Provide the device type (e.g., activated carbon, substitute powder coating, or catalytic or thermal incinerator), the air pollutant controlled by the equipment (e.g., VOC and/or HAP), the manufacturer, model number, serial number, and installation date of the

equipment. Indicate the control efficiency, capture efficiency and efficiency estimation method (the vendor, AP-42, or the permitting authority may be consulted for further information). Attach copies of correspondence from the vendor documenting these values, if available, or indicate how these values were determined.

Section E - Complete this section only if ambient impact assessment is an applicable requirement or the facility is a temporary source. Provide the stack height in feet above ground level, the inside stack diameter of the top of the stack in feet, and the exit gas temperature in degrees Fahrenheit. In addition, provide the design (or maximum) stack flow rate and the actual (or average) stack flow rate in actual cubic feet per minute (ACFM). Also provide the exit gas velocity in feet per second.

Sources required to complete this section will likely need to provide attachments showing other information, data and calculations sufficient to address requirements of the NAAQS, increment, or visibility requirements under part C of title I of the Act.

Section F - For each substance containing VOC consumed, processed, stored, or produced that results in air emissions, provide the chemical or brand name of the substance. If providing a brand name, also include the name of the manufacturer for the substance. Include the Chemical Abstract Service (CAS) number, if available. The "substance type" column is provided to describe the type or use of a substance (for example, clean-up solvent, ink, topcoat, or clearcoat). Provide the actual usage in gallons per year for each substance. Provide the maximum usage for the unit in terms of gallons per day and gallons per year. Provide the VOC content in pounds per gallon. These VOC content and usage values are typically used to calculate emissions. Actual usage will be multiplied by VOC content to calculate actual emissions, while maximum usage will be multiplied by VOC content to calculate PTE. Explain the basis for the usage and VOC content values on an attachment. For example, VOC content might be supplied by the manufacturer, be found on Materials Safety Data Sheets (MSDS) for the product, or determined by the applicant. EPA

Reference Method 24 found at 40 CFR part 60, Appendix A can also be used to determine VOC content. When VOC Content is determined through testing or calculation by the applicant, the applicant must attach test data and calculations to the application.

Form EUD-3 - Emissions Unit Description for Process Sources

This form is designed to describe emissions units for processes for which forms EUD-1 or EUD-2 are not appropriate. For example, sources such as rock crushers, portland cement plants, asphalt batch plants, sulfuric acid plants, and kraft pulp mills should use this form.

This form may be used for each emissions unit identified in section I of form GIS that is primarily a process emissions unit. Please copy as many EUD-3 forms as needed so that each form contains information on a unique emissions unit.

Section A - Provide the emissions unit ID and description consistent with section I of form GIS in the space provided. Enter the four-digit SIC code for the unit. Note that this SIC code may be different than that listed in section H of form GIS regarding the SIC code for the products and processes of the facility. In addition, complete the source classification code (SCC), if known or available. Entry of the SCC code is not mandatory but is useful because it identifies a specific process, the pollutant(s) from that process, and related emissions factors (for purposes of calculating emissions). Furthermore, provide the emissions unit ID for the air pollution control device associated with this unit. If more than one, describe them on an attachment. For example, such equipment may include scrubbers, electrostatic precipitators, fabric filters, or baghouses.

Section B - Describe the primary use or equipment type [e.g., scrap aluminum melted, cement manufacturing (dry-process)], whether the unit is a temporary source, the manufacturer, model, serial

number, and installation date of the equipment. List all raw materials used in the process and the finished products.

There may be other information that the permitting authority will need to know that is not specifically requested on the forms and that should be included on attachments. Such information would include information needed to adequately identify the emissions unit and to determine compliance with applicable requirements or requirements of part 71. See §§ 71.5(c)(2) through (7) for a more thorough description of the types of additional information that may be needed.

Section C - Enter the amount of raw materials that are processed and/or the number of activities performed. These are values that are typically multiplied by emissions factors to calculate PTE and actual emissions. Provide actual activity or production rates on an annual basis. Also provide the maximum rate of activity or production rate on an hourly and annual basis. Explain the basis of this data on an attachment.

Section D - List each applicable requirement that applies to the emissions unit, including a citation for the requirement and a brief text description of the standards, limitations, or other requirements imposed by the applicable requirements. More detail concerning the specific emissions limitations, work practice standards, equipment requirements, monitoring, recordkeeping and reporting requirements, and test methods imposed by the applicable requirement must be provided on form CC-1. The citation will be either from the CFR or, for SIP-based applicable requirements, from a State's administrative code. For example, if your facility is a steel plant with an electric arc furnace which commenced construction after August 17, 1983, then 40 CFR part 60, subpart AAa would apply. For subpart AAa, for example, the text description might be "emissions limits for PM, opacity standards, performance testing procedures and test methods, monitoring, recordkeeping and reporting requirements."

Section E - Identify and describe the control device. If more than one control device is used, include the information on attachments. Provide the device type

(e.g., catalytic or thermal incinerator, or baghouse), the air pollutant controlled by the equipment, the manufacturer, model number, serial number, and installation date of the device. Indicate the control efficiency, capture efficiency and efficiency estimation method (the vendor, AP-42, or the permitting authority may be consulted for further information. Attach copies of correspondence from the vendor documenting these values, if available, or indicate how these values were determined.

Section F - Complete this section only if ambient impact assessment is an applicable requirement or the facility is a temporary source. Provide the stack height in feet above ground level, the inside stack diameter of the top of the stack in feet, and the exit gas temperature in degrees Fahrenheit. In addition, provide the design (or maximum) stack flow rate and the actual (or average) stack flow rate in actual cubic feet per minute (ACFM). Also provide the exit gas velocity in feet per second.

Sources required to complete this section will likely need to provide attachments showing other information, data and calculations sufficient to address requirements of the NAAQS, increment, or visibility requirements under part C of title I of the Act.

Form IE - Insignificant Emissions

Use this form only if you have any equipment, emissions units, or emitting activities at your facility that qualify for insignificant treatment due to insignificant emissions levels.

Section 71.5(c)(11) proposes certain exemptions from the permit application content requirements of § 71.5(c)(2) though (9) for insignificant activities and emissions levels. This form is provided to list emissions units or activities that qualify for insignificant treatment under the insignificant emissions limit provisions of § 71.5(c)(11)(ii). For insignificant activities identified in § 71.5(c)(11)(i), no information need be listed or included in this form.

In addition, attach to this form information concerning equipment, activities, or emissions units that are exempted from an otherwise applicable requirements (e.g., emissions units grandfathered from requirements of a NSPS). Such exemptions are only valid if they are authorized under a Federally-approved implementation plan (SIP, FIP, or TIP) or other applicable requirement. On the attachment, describe the exempted equipment, emissions unit, or activity and the basis for the exemption (you may cite the State administrative code or Federal regulation).

Section § 71.5(c) provides that information needed to determine the applicability of, or to impose any applicable requirement must not be omitted from the permit application. In addition, note that neither the definition of major source in § 71.2 nor § 71.5(c) exempts units eligible for insignificant treatment from major source applicability determinations. These provisions mean that there are situations when more information than generally required by this form may need to be provided. If this is the case, submit the information on an attachment.

The description provided in the table must generally identify the source of emissions so that the permitting authority can make a cursory determination that the exemption applies. Descriptions may need to specify capacity, throughput, material being processed, combusted, or stored, or other pertinent information. For example, "storage tank" would be insufficient, but "250 gallon underground storage tank storing unleaded gasoline, annual throughput less than 2,000 gallons," would be sufficient for a quick determination of the probable applicability of control requirements and that the emissions level criteria of §§ 71.5(c)(11)(ii)(A) and (B) would be generally met.

The "number" column is provided to indicate the total number or units or activities grouped together under one description. For example, a complex facility may have hundreds of valves and flanges that qualify for insignificant treatment (e.g., the emission levels of § 71.5(c)(11)(ii)(A) and (B) are not exceeded and there is no need for any emission-unit specific information to be reported in the application), and these

could, in many cases, be grouped together under one general description. However, units or activities that are similar should be listed separately in the form when the descriptions differ in a meaningful way, such as when capacities or sizes differ and this information is relevant, for example, to an applicability determination.

Two columns are provided for applicants to mark to indicate the type of pollutants (HAP and regulated pollutants except HAP) for the insignificant emissions. This is necessary for the permitting authority to assess which emissions level criteria apply.

Form EMISS - Emissions Calculations

This form is designed to assist applicants in quantifying emissions for each significant emissions unit.

This form is designed to quantify emissions for each emissions unit identified in section I of form GIS. Consistent with the white paper, all sources may not need to submit these forms as part of their final permit application, however, sources will find the completion of these forms useful in organizing emissions data for applicability determinations and for fee calculation purposes. In such cases, it is best to complete these forms for each emissions unit and each alternative operating scenario identified in section I of form GIS. Do not complete this form for any units or activities listed as insignificant on form IE, unless the emissions from this unit would count for applicability purposes and omitting them from the application would interfere with the determination, or imposition of applicable requirements or the determination that the source is a major source [see § 71.3(a), the definition of major source in § 71.2, and § 71.5(c)(11)]. Sources applying for permit revisions only need complete this form for each emissions unit affected by the change.

Section A - Include the emissions unit ID (from section I of form GIS) for the emissions unit being described.

Section B - Applicants should review the definitions of the terms: "major source," "regulated air pollutant," and "regulated pollutant (for presumptive fee calculation)" as defined in § 71.2, and the definition of "actual emissions" in § 71.9(c)(6) before proceeding further. Several documents available on the TTN bulletin board system provide additional guidance in understanding these terms. In addition, the white paper provides flexibility for applicants to limit the amount of emissions information submitted for permitting purposes.

First, list on a separate line each regulated air pollutant that is emitted that is specifically regulated at this unit (list each HAP separately in this step). Also list each additional regulated air pollutant or air pollutant listed in section 112(b) of the Act for which the unit or the entire facility is a major source. Second, for fee purposes, list any regulated pollutant (for fee calculation) emitted by the unit that has not already been listed for other purposes. For fee purposes, air pollutants emitted solely as fugitives must be listed the same as air pollutants emitted solely as stack emissions. Hazardous air pollutants that are only listed for fee purposes and that have not already been listed in the previous steps may be simply listed as "HAP." Also note that for fee purposes, carbon monoxide, Class I or II substances under title VI of the Act, and pollutants regulated solely by section 112(r) of the Act should not be listed.

Next, calculate actual emissions for the purpose of determining fees. Only calculate actual emissions for the air pollutants that you have listed that are "regulated pollutants (for fee calculation)," including fugitives without regard as to whether they count for applicability purposes [see § 71.9(c)(6)].

Actual emissions are calculated based on the unit's actual operating hours, productions rates, and in-place control equipment, types of materials processed, stored, or combusted during the preceding calendar year [see § 71.9(c)(6)]. Sources that have been issued part 70 or part 71 permits shall compute actual emissions using compliance methods required by the permit, such as monitoring or source test data. If actual emissions cannot be determined using the compliance methods in

the permit, the emissions should be determined using other federally recognized procedures (see explanation of this term on the next page). Sources that commenced operation during the preceding calendar year shall estimate emissions for the current calendar year [see § 71.9(e)(2)]. Section 71.9(f)(2) also identifies certain sources that have the option to estimate their emissions for the preceding calendar year in lieu of submitting actual emissions data. The instructions for form FEE contains additional information on how to calculate actual emissions for fee calculation purposes. In general, applicants need not calculate actual emissions for CO or unregulated HAP, since these pollutants are not regulated pollutants (for fee calculation). With respect to emissions from any affected unit under section 404 of the Act, during the years 1995 through 1999, no emissions-based fee is required to be paid [see § 71.9(d); therefore, do not include actual emissions for these sources.

When entering this information on the form, you may round the actual emissions values to the nearest ton or use greater precision if you believe it will result in a lower fee. The white paper allows emission estimates to be based on generally available information rather than new source testing or studies not already required by a permit. If you have listed a pollutant but are unable to calculate its actual emissions without conducting new source testing or extensive studies, enter "UN" (for "unknown") in the space provided.

Next, calculate PTE for each regulated air pollutant that is regulated at the unit on an hourly (pounds per hour) and annual basis (tons per year), and enter resulting values in the space provided. For pollutants listed simply because they are present in major quantities (when the pollutants are not specifically regulated at this emission unit), do not calculate PTE in pounds/hour. The white paper allows considerable streamlining for emission information in applications by not requiring applicants to perform PTE calculations for air pollutants when the applicant stipulates that the source is a major source for that particular pollutant. For these major pollutants, PTE quantification is not required unless it would resolve potential disputes concerning applicability or major source

status, or if it is needed in the permit for some other reason. If you are not quantifying PTE for pollutants emitted in major amounts, stipulate that the unit alone triggers major source status for this pollutant by entering "MU" in the space provided for annual PTE values. Stipulate that the unit does not trigger major source status, but that the aggregate facility emissions or another unit triggers major source status by entering "MS" in the space provided for annual PTE values. Do not calculate PTE values for emissions that are not counted for major source applicability purposes or for emissions listed solely for fee purposes, however, enter "NA" for "not applicable" in the space provided for PTE values for these emissions. If you are unable to calculate PTE values for air pollutants counted for applicability purposes without conducting new source testing or extensive studies, enter "UN" (for "unknown") in the space provided. Within applications for permit revisions, PTE should be calculated assuming the proposed change has occurred.

Potential to emit is defined in § 71.2 as "the maximum capacity of a stationary source to emit any pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is enforceable by the Administrator. This term does not alter or affect the use of this term for any other purposes under the Act, or the term "capacity factor" as used in title IV of the Act or the regulations promulgated thereunder." Additional guidance on PTE and options for restricting maximum capacity is available on the TTN Bulletin Board system or by contacting the permitting authority.

Enter values for PTE by rounding to the nearest ton in the space for tons/year or to the nearest pound in the space for pounds/hour. Greater precision may be needed or desired by the applicant in certain circumstances (e.g., when more precision would resolve a potential dispute concerning applicability or major source status). In these cases, it would be advisable to not round these values

until you calculate the total on form PTE.

Provide the chemical abstract service number (CAS No.), if available, for each HAP listed on the form.

The white paper allows the information submitted concerning calculations to consist of examples that illustrate the methodology used. Such examples should include the formulas used, assumptions made to solve these formulas, and an indication of the source of the formulas or assumptions (e.g., AP-42, engineering calculations, source testing, monitoring data, or MSDS). Consistent with the white paper, there is no need to submit extensive amounts of supporting information with the initial application in order for the application to be found complete. Applicants should contact the permitting authority if they have questions concerning the appropriate calculation methods for a particular pollutant at a particular emissions unit. In general, federally-recognized procedures for determining or calculating emissions include, the use of emission factors, source testing or monitoring data, and engineering calculations, among others. The EPA has compiled and published air pollution emissions factors for various industrial sources in a document called AP-42. Emissions factors are values of air pollution per unit of activity. When these values are multiplied by activity rates, such as those reported in section C of form EUD-3, the result is an amount of air pollution.

Form PTE - Potential to Emit Summary

Use this form to calculate the total PTE for each air pollutant at the facility for purposes of determining major source applicability.

On each line (row) in the table provided, enter the emissions unit ID and the quantity of emissions for each air pollutant listed on the form. If form EMISS was prepared previously, simply copy the emission values (or stipulations to major source status) contained on those form to this form. Round values for PTE to the nearest ton. Greater precision may be needed or desired by the applicant in

certain circumstances (e.g., when more precision would resolve a potential dispute concerning applicability or major source status). In these cases, it would be advisable to not round these values until you calculate the total as described below.

Applicants may stipulate to major source status for an air pollutant and, thereby, avoid detailed PTE calculations for that air pollutant. If an emissions unit emits an air pollutant in quantities that qualifies the facility for major source status, enter "MU" in the column for that air pollutant. If the facility is a major source for a pollutant but the emissions unit in question does not trigger major source status, enter "MS" in the space provided. If a listed pollutant is emitted at a unit but PTE cannot be calculated based on readily available information, enter "UN" (for "unknown") in the space provided. If the source is a major source for air pollutants not represented by columns on this form, please provide an attachment stipulating major source status or the calculation of the total for that air pollutant. The column for lead is for elemental lead regulated by a NAAQS under title I of the Act, while compounds of lead are HAP.

The total line is provided at the bottom of each column to enter the total facility-wide PTE for applicability purposes (or stipulations to major source status) for each air pollutant reported above. Enter these totals, as well as the total PTE and the name of the HAP emitted in the greatest amount, in section L of form GIS.

Only include emissions or emissions units on form PTE that count toward major source applicability. Some of the emissions units for which form EMISS may have been prepared may not have emissions that count toward major source applicability (please see the definition of major source in § 71.2 and relevant guidance on the TTN), or may have been included in order to calculate fees. In particular, fugitive emissions are not always included in major source applicability determinations under the section 302(j) definition of major source. However, for major source determinations under section 112, all fugitive HAP at all emissions units must be included in the total for the facility.

Form FEE - Fee Calculation Worksheet

Use this form to initially or thereafter on a yearly basis, report actual emissions and calculate fees.

Each part 71 source must complete and submit an initial fee calculation worksheet and remit the full fee amount with the worksheet [see §71.9(e)(1)]. Consistent with § 71.9(f), the deadline for initial submittal of the fee calculation worksheet and payment of fees may coincide with or be an earlier date than the submittal date for the initial permit application. If EPA withdraws approval of a part 70 program, initial part 71 fee calculation worksheets and payment of fees are due in accordance with a schedule based upon a source's primary SIC Code [see §§ 71.9(f)(1)(i) through (iv)]. When a part 71 program is established that does not replace an approved part 70 program or sources become subject to the part 71 program after the program's effective date, part 71 sources must initially submit this form and pay fees when submitting their permit applications [see §§ 71.9(f)(3) and (4)]. Also, part 71 sources that receive part 71 permits as a result of an EPA veto of the State's proposed part 70 permit are required to submit initial fee worksheets and pay fees three months after the part 71 permit is issued [see § 71.9(g)].

Section 71.9(h) requires part 71 sources to submit annual emissions reports and fee calculation worksheets (fee worksheets) on a yearly basis, subsequent to submittal of the initial fee worksheet. Completion of section D of this form satisfies the requirement to submit an annual emissions report. For most sources, the deadline for submittal of the annual fee worksheet will be the anniversary date of submittal of the initial fee worksheet. Sources required to submit initial fee worksheets between January 1 and March 31 must submit their annual emissions reports and fee worksheets by April 1 of each year [see §71.9(f)(2) and §71.9(h)(1)].

Section A - All sources must complete this section to indicate the type of fee calculation worksheet being prepared (initial or annual), the deadline for submittal, and for initial fee worksheets,

the basis of the emissions data included in the form. In addition, for initial fee worksheets, the source is required to enter the date that the facility commenced operations.

Section B - Complete this section only if you are preparing this form for submittal at a different time than for the permit application. Include the mailing address and the name of a contact person at the source that can be contacted for telephone inquiries or correspondence related to fees. In addition, if a part 71 permit has been issued, include the permit number.

Section C - Title V application forms, fee calculation worksheets, and any document required by a permit must be signed by a responsible official certifying truth, accuracy and completeness of the information included in the forms and attachments. The definition of responsible official can be found at § 70.2. The responsible official must sign the form and enter the date of the signature. This should be done after the fee calculation worksheet has been completed and the responsible official has reviewed the information.

Section D - This section is provided to report or estimate actual emissions of regulated pollutants (for fee calculation), except for HAP, on a calendar-year basis for the facility (section E is provided to report emissions of HAP). In the space provided, enter the year corresponding to the calendar year for the data included in this section. If more than one year of data is being submitted with the fee calculation worksheet, copy this page and complete a separate table for each year. Sources preparing this form for submittal with a permit application may use the values previously reported for actual emissions on form EMISS to complete this section. Sources must submit attachments to this form that show, at a minimum, examples of the calculations used to determine these values. Attachments to form EMISS showing the calculation of these values will be sufficient for this purpose.

On each line (row) in the table, enter an emissions unit ID and summarize the emissions of each listed pollutant. When entering this information on the form, you may round the actual emissions values to the nearest ton or use greater precision

if you believe it will result in a lower fee. "Lead" is elemental lead regulated by a NAAQS. The column for "other" is for other regulated pollutants (for fee calculation) not already listed on the form, such as fluorides or hydrochloric acid regulated by NSPS. Only use the "other" column if there is a single additional air pollutant to report. Write in the name of the pollutant to the right of the "other" column. If more than one such pollutant, show the pollutants, and the totals on an attachment.

As required by § 71.9(c) (6), actual emissions must be calculated using actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted over the preceding calendar year. Section 71.9(e) (2) concerning initial fee calculation requires sources that have been issued part 70 or part 71 permits to compute actual emissions using compliance methods required by the permits, such as monitoring or source testing data. If actual emissions cannot be determined using the compliance methods in the permit, the emissions should be determined using other federally recognized procedures. In addition §71.9(e) (2) allows Part 71 sources that commenced operation during the preceding calendar year to estimate actual emissions for the current calendar year. When EPA withdraws approval of a part 70 program and implements a part 71 program, section 71.9(f) (2) allows sources that are required to submit initial fee calculation work sheets between January 1 and March 31 the option of estimating their emissions for the preceding calendar year in lieu of submitting actual emissions data. Section 71.9(f) (2) also allows sources that are issued part 71 permits following an EPA objection pursuant to § 71.4(e) this option if they are required to submit initial fee calculation work sheets between January 1 and March 31. Sources exercising this option will have to submit 2 years of actual emissions data when submitting their first annual fee worksheet and, thus, complete section D and E separately for each year. In this case, these sections must be completed for the year preceding annual fee worksheet preparation, as well as the year preceding initial fee worksheet submittal.

Include all fugitive emissions in the calculation of actual emissions, including those that do not count for applicability

purposes [see § 71.9(c)(1)]. Do not include any insignificant emissions identified on form IE [see § 71.5(c)(11) and § 71.9(c)(5)(iii)]. With respect to emissions from any affected unit under section 404 of the Act, during the years 1995 through 1999, no emissions-based fee is required to be paid [see § 71.9(d); therefore, do not include actual emissions for these sources for fee purposes on this form. Applicants need not include actual emissions of CO, since CO is not a regulated pollutant (for fee calculation).

The subtotal line is provided at the bottom of each column to enter total facility emissions for each pollutant reported above. If any subtotal exceeds 4,000 tons, enter 4,000 tons. Any necessary adjustments for double counting of emissions will be performed in section F of this form.

Section E - This section of the form is provided to list the actual emissions of each individual regulated HAP emitted by each emission unit. Unregulated HAP need not be included because they do not meet the definition of regulated pollutant (for fee calculation). In the space provided, enter the year corresponding to the calendar year for the data included in this section. If more than one year of data is being submitted with the fee calculation worksheet, copy this page and complete a separate table for each year.

Additional detailed instructions concerning how to calculate actual emissions for purposes of this section are included in the instructions for section D of this form.

This section is composed of two tables. Use the first table to identify each HAP emitted at the facility, including the CAS number, if available. Assign a unique identifier for use in the second table for each HAP. Copy this form if you need to identify more than eight HAP or report actual emissions for more than 14 emissions units. When assigning identifier codes, please use "HAP1" for the first, "HAP2" for the second, and so on.

In the second table, report the actual emissions of each individual HAP emitted by each emissions unit at the facility. Use the identifiers assigned in the first table to label the column headers for each HAP. You may round these emissions to the

nearest ton or use greater precision if you believe doing so will result in a lower fee. Sum the values in each column and enter the subtotals at the bottom of the table. If the subtotal is greater than 4,000 tons for any column, enter 4,000 for that column.

Section F - This section is provided to calculate the total fee. In this section, sources will total actual emissions from sections D and E, credit sources for double counting of emissions, reconcile the initial fee paid when the initial emission calculations were based on estimated emissions, adjust for fee assessment errors, and determine the final fee amount. You must remit the total fee with this form.

This section of the form is separated into four parts: (1) Emissions Calculation, (2) Reconciliation of Estimated Against Actual Emissions (When Initial Estimates Were Based on the Current Calendar Year), (3) Reconciliation of Estimated Against Actual Emissions (When initial Estimates Were Based on the Preceding Calendar Year), and (4) Fee Calculation. The following discussion addresses each part of the fee calculation worksheet. Detail is provided on specific areas where there is likely to be confusion.

ACTUAL EMISSIONS CALCULATION

The totals for each pollutant calculated in sections D and E are added together to calculate a total for actual emissions (measured in tons per year) across the facility. This value is adjusted for double counting and is rounded (if not already rounded) to the nearest ton.

Section 71.9(c)(5)(ii) excludes the actual emissions already included in fee calculation from being counted twice (double counting). For example, if a source emits 30 tons of VOC and 10 tons of these VOC are also HAP, 10 tons have been counted twice, and 10 tons would be entered on line 4. If you enter a number on this line, attach supplementary information identifying the emissions units where double counting has occurred and explain why double counting has occurred.

RECONCILIATION OF ESTIMATED EMISSIONS AGAINST ACTUAL EMISSIONS (WHEN INITIAL

ESTIMATES WERE BASED ON THE CURRENT
CALENDAR YEAR)

This section of the form should only be completed by sources preparing the first annual fee worksheet when the initial fee worksheet included estimates of emissions for the current year emissions. Section 71.9(e)(2) requires sources that commenced operation during the preceding calendar year to estimate actual emissions for the current calendar year when preparing the initial fee calculation worksheet. These sources are also required by § 71.9(h)(4) to reconcile the fees owed when they submit their first annual emissions report. This reconciliation is accomplished by computing the actual emissions for the calendar year preceding preparation of the annual fee worksheet and comparing this value to the estimate of actual emissions previously reported on the initial fee calculation worksheet. This comparison will result in a calculation of overpayment or underpayment relative to the initial fee calculation worksheet. In the fee calculation portion of the form (discussed below), the underpayment will be added to, or the overpayment subtracted from, the annual fee otherwise due.

RECONCILIATION OF ESTIMATED EMISSIONS
AGAINST ACTUAL EMISSIONS (WHEN INITIAL
ESTIMATES WERE BASED ON THE PRECEDING
CALENDAR YEAR)

This section of the form should only be completed by sources preparing the first annual fee worksheet when the initial fee worksheet included estimates of emissions for the preceding calendar year emissions. When EPA withdraws approval of a part 70 program and implements a part 71 program, section 71.9(f)(2) allows sources that are required to submit initial fee calculation work sheets between January 1 and March 31 the option of estimating their emissions for the preceding calendar year in lieu of submitting actual emissions data. Section 71.9(f)(2) also allows sources that are issued part 71 permits following an EPA objection pursuant to § 71.4(e) this option if they are required to submit initial fee calculation work sheets between January 1 and March 31. These sources are also required by § 71.9(h)(4) to reconcile the fee owed when they submit the first annual emissions report. This reconciliation is accomplished by computing the actual emissions for the calendar year preceding the preparation of

the initial fee calculation worksheet and comparing this value to the estimate of actual emissions previously reported on the initial fee calculation worksheet. This comparison will result in a calculation of overpayment or underpayment relative to the initial fee calculation worksheet. In the fee calculation portion of the form (discussed below), the underpayment will be added to, or the overpayment subtracted from, the annual fee otherwise due.

Sources required to complete this part of the form are required to submit 2 years of actual emissions data in sections D and E. This includes actual emissions for the year preceding initial fee worksheet preparation (for reconciliation purposes), and the year preceding annual fee worksheet submittal (for annual fee calculation purposes).

FEE CALCULATION

This portion of the form is provided to calculate the total fee amount that must be remitted with form **FEE** to the permitting authority by the required submittal deadline. In certain cases, adjustments will have to be made to account for reconciliation (described above) or to credit an account for fee assessment errors which result in overpayment.

Fee assessment errors occur when the permitting authority determines that the source has completed the fee calculation worksheet incorrectly and notifies the source of the error [see § 71.9(j)]. All fee assessment errors resulting in overpayment that have occurred since the last fee calculation worksheet was submitted will be credited against the fee owed on the next fee calculation worksheet. In the case of fee assessment errors resulting in underpayment, the permitting authority will bill the source for the corrected fee and the source will have 30 days after receipt of the invoice to remit the amount [see § 71.9(j)(2)]. An owner or operator who thinks that the assessed fee is in error has to pay the fee but may submit a written explanation of the alleged error to the permitting authority [see § 71.9(j)(3)]. The permitting authority has 90 days from receipt of the correspondence to review the data and determine whether the assessed fee was in error. If the error is

confirmed, the overpayment will be credited to the account of the applicant

Fee payments must be in United States currency and shall be paid by money order, bank draft, certified check, corporate check, or electronic funds transfer payable to the order of the U.S. Environmental Protection Agency [see § 71.9(k)].

PENALTIES AND INTEREST

The permitting authority will bill sources for appropriate penalties and interest. Interest will be assessed on payments received later than the due date [see § 71.9(l)(1)]. Penalties shall be assessed if payment is not paid within 30 days of the due date [§ 71.9(l)(2)]. For sources issued part 70 or 71 permits penalties and interest shall be assessed for excessive underpayment of the annual fee amount [§ 71.9(l)(3)].

Form CP - Compliance Plan

Use this form to indicate compliance with all applicable requirements and provide schedules of compliance and schedules for submitting progress reports for applicable requirements which the source is not in compliance.

Section A - This section is designed to be completed once for the entire facility. Check "yes" or "no" to indicate that, except for applicable requirements that the facility will not be in compliance with (as indicated in section B below), the facility will be in compliance with all applicable requirements at the time of permit issuance, and that the facility will continue to comply with these applicable requirements during the term of the permit.

Also check "yes" or "no" to indicate whether the facility will be in compliance with all applicable requirements that take effect during the term of the permit on a timely basis. These future-effective requirements are those requirements that are promulgated at the time of permit issuance but that have future compliance dates. For example, at the time of permit issuance a standard may apply to a source,

yet there may be specific requirements of the standard that will go into effect in the future, or the requirements of the standard may apply to the source but the applicable requirement may not require compliance with the standard until a future date.

Section B - Only complete this section if there are any applicable requirements for which the facility will not be in compliance at time of permit issuance. Provide the emissions unit ID for each emissions unit for which the applicable requirement will not be met, describe or cite the applicable requirement, and briefly describe how compliance with the applicable requirement will be achieved. For example, if you are required to monitor SO₂ emissions using CEMS and you are not in compliance with this requirement, you would state that you will install CEMS equipment, begin monitoring, and submit monitoring reports. This section is designed to collect information on up to two applicable requirements for which the source is not in compliance. If the source is not in compliance with more than two applicable requirements continue on attachments or copy this form and complete additional forms.

Section C - Complete this section for: (1) each applicable requirement with which the source is not in compliance, (2) if the applicable requirement requires a detailed schedule of compliance, or (3) if a judicial consent decree or administrative order has been issued to the source that includes a schedule of compliance. In the table provided, identify the emissions unit ID(s), the applicable requirement, and the schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with the applicable requirement. This schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For each remedial measure, provide the date by which the action will be completed. This schedule or one approved by the permitting authority will be placed in the permit and must be met or a violation of the permit will occur.

Section D - If you completed section C, enter the frequency with which you will submit progress reports to the permitting authority. The progress report will

describe your facility's progress in meeting the milestone dates for each remedial measure or action required by the schedule of compliance. For most sources, the timeframe for submittal of progress reports will be every 6 months. However, the Administrator or the applicable requirement itself may require more frequent submittals. In addition, provide the date that your facility will begin submitting these progress reports.

Form CC-1 - Compliance Certification (Method of Compliance)

Use this form to describe the methods that will be used to assure and certify compliance with each applicable requirement.

Section A - This section is used to describe the applicable requirements that apply to a single emissions unit or multiple emissions units if the applicable requirement applies in the same way and the methods of compliance are the same at each unit. Provide the emissions unit ID using the unit ID defined in section I of form GIS. Describe the applicable requirement in detail, including emissions limitations, work practice standards, and other control requirements. If the applicable requirement is expressed as a numerical limitation, identify the specific numerical limits in the description. If the applicable requirement requires specific methods for determining compliance with these limitations or standards, such as monitoring, recordkeeping, and reporting requirements and test methods, briefly identify these in this section and provide more detail in section B.

Section B - This section includes a table for the applicant to report the compliance methods. These are the methods, including monitoring, recordkeeping and reporting requirements and test methods, that are used to determine compliance with the applicable requirements described above. These methods will be required by the permit as the means for determining the compliance status of the source. In the "method of compliance" column, indicate the type of method, such as monitoring, recordkeeping or reporting.

Briefly describe the compliance methods in the "description" column. For monitoring or testing, indicate the type of monitoring device, the parameter or air pollutant being monitored (e.g., continuous emissions monitoring of PM10 or parameter monitoring of water flow rates of a wet scrubber). If there are specific test methods required to ensure compliance, identify the test method, provide a brief description of the test method, and a citation. For example, if the source is a steam generator, this section could state "visual determination of opacity, 40 CFR part 60, Appendix A, Method 9". For recordkeeping methods, describe the records to be kept and the frequency of collection of such records (e.g., visual determination of opacity on a monthly basis). For reporting, describe what is being reported and the frequency of reporting (e.g., record of visual determination of opacity, reports submitted every 6 months).

Check the appropriate box to indicate the basis of the compliance methods. For example, the method for determining compliance might be the underlying applicable requirement or periodic monitoring required by § 71.6(a)(3)(i)(B)]. If the underlying applicable requirement requires certain methods for assuring or determining compliance with limitations, standards or other requirements imposed by the applicable requirement, these methods must be included in this section. If the monitoring or testing required by the applicable requirement is not periodic, then periodic monitoring must be proposed in the application. Periodic monitoring may consist of instrumental or noninstrumental monitoring (such as recordkeeping) designed to serve as monitoring. In addition, periodic monitoring must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with its permit, and must assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement.

Temporary sources and other sources with applicable requirements requiring ambient assessment (such as sources with applicable requirements of any NAAQS, increment, or visibility requirement of part C of title I of the Act) must also demonstrate compliance with these

requirements at the time of application and throughout the term of the permit. For example, a modeling demonstration, using approved EPA models, may have to be submitted as an attachment to this application to show compliance with a NAAQS. In addition, the permit should contain methods for the source to show continuing compliance with these requirements.

Form CC-2 - Compliance Certification

Use this form to certify compliance with all applicable requirements at the part 71 source.

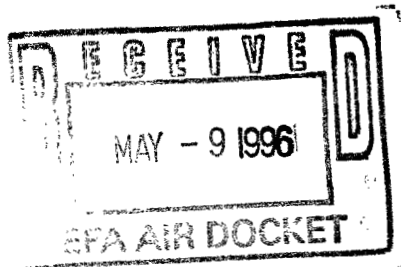
Section A - Provide the frequency your facility plans to submit compliance certifications to the permitting authority. This frequency must be on an annual basis unless the applicable requirement or the Administrator requires more frequent submittals. Also provide the date when the first compliance certification will be sent.

Section B - Check "yes" or "no" to indicate whether your facility is in compliance with any enhanced monitoring requirements and compliance certification requirements of the Act.

Section C - Check whether or not your facility is in compliance with all applicable requirements. The responsible official must sign and date the form. Also, please print the responsible official's name in the appropriate space.

PERMIT APPLICATION FORMS

40 CFR PART 71 FEDERAL OPERATING PERMITS PROGRAM



US EPA
FEBRUARY, 1996

**U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71**

APPLICATION FORM GIS - GENERAL INFORMATION AND SUMMARY

Instructions: Complete this form once for the part 71 source (facility).

A. Source or Facility Name _____

B. Mailing Address and Contact Information

Mailing address: Street or P.O. Box _____

City _____ State _____ ZIP _____ - _____

Contact person: _____ Title _____

Telephone (____) _____ - _____ Ext. _____ Facsimile (____) _____ - _____

C. Facility Location

Temporary source ☐ Yes ☐ No Plant site location _____

City _____ State _____ County _____

Provide either Lat/Long or UTM coordinates for certain sources: Latitude _____ Longitude _____

UTM Zone _____ UTM Northing _____ UTM Easting _____ EPA Region _____

Is the facility located on: Indian lands ☐ YES ☐ NO OCS waters ☐ YES ☐ NO Nonattainment area ☐ YES ☐ NO

If nonattainment, for what air pollutants? _____ Within 50 miles of an affected State? ☐ YES ☐ NO State(s) _____

D. Owner

Name _____

Street or P.O. Box _____ City _____

State _____ ZIP _____ - _____ Telephone (____) _____ - _____ Ext. _____

E. Operator

Name _____

Street or P.O. Box _____ City _____

State _____ ZIP _____ - _____ Telephone (____) _____ - _____ Ext. _____

F. Application Type

Instructions: Mark only one permit application type and answer the supplementary question appropriate for the type marked.

☐ Initial permit ☐ Permit renewal

☐ Significant modification ☐ Minor permit modification ☐ Group processing of minor permit mod. ☐ Administrative amend.

For initial permits, when did operations commence? ____/____/____

For permit renewals, what is the expiration date of the existing permit? ____/____/____

For permit modifications, describe the proposed change: _____

G. Applicable Requirement Summary

Instructions: Mark all applicable requirements that apply.

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> SIP | <input type="checkbox"/> FIP/TIP | <input type="checkbox"/> PSD | <input type="checkbox"/> Nonattainment NSR |
| <input type="checkbox"/> Minor source NSR | <input type="checkbox"/> Section 111 (i.e., NSPS) | <input type="checkbox"/> Phase I acid rain | <input type="checkbox"/> Phase II acid rain |
| <input type="checkbox"/> Stratospheric ozone | <input type="checkbox"/> The OCS regulations | <input type="checkbox"/> NESHAP | <input type="checkbox"/> Section 112(d) MACT |
| <input type="checkbox"/> Section 112(g) MACT | <input type="checkbox"/> Early reduction of HAP | <input type="checkbox"/> Section 112(j) MACT | <input type="checkbox"/> Risk Management Plan |
| <input type="checkbox"/> Tank vessel requirements | <input type="checkbox"/> Municipal waste combustor requirements | | |
| <input type="checkbox"/> Consumer or commercial product requirements | <input type="checkbox"/> NAAQS, increments or visibility (temporary sources) | | |

Has a risk management plan been registered? ☐ YES ☐ NO Regulatory agency _____Has a phase II application already been submitted? ☐ YES ☐ NO Permitting authority _____

Use the space provided to cite and describe any emissions-limiting requirements that apply to the facility as a whole, such as facility-wide limitations on operational schedule. Limitations that apply solely to a particular unit will be described on forms EUD-1, EUD-2, or EUD-3.

H. Process Description

Instructions: List all processes, products, and SIC codes for normal operation, in order of priority. Also list any process, products, and SIC codes associated with any alternative operating scenarios, if different from those listed for normal operation.

Process	Products	SIC

I. Emission Unit Identification

Instructions: Assign a unique emissions unit ID and list each emissions unit or emitting activity, including control equipment, at the part 71 source. Assign emissions unit IDs for each alternative operating scenario and indicate in the description that it is an alternative scenario. Applicants may exclude from this list any insignificant emission units or activities. This table continued on next page.

Emissions Unit ID	Description of Emissions Unit

I. Emission Unit Identification (Continued)

Emissions Unit ID	Description of Emissions Unit

J. Site Diagram, Plot Plan, or Map

Instructions: Attach a site diagram, plot plan, or map showing the location of each emission unit or process at the facility. Draw this to scale showing North. Applicants required to provide ambient impact assessment information must also show exhaust points, building dimensions (height, width, and length), property boundaries, and roads (including haul roads) located within the property boundaries.

K. Block Diagram or Process Flow Diagram

Instructions: Attach a block diagram or process flow diagram for the facility showing sufficient detail for the permitting authority to make a reasoned judgement about how emission sources or pieces of equipment are related to each other and to the processes occurring at the facility. Please label the diagram and show the flow of inputs and outputs. For air pollution control equipment, show the mass flow of materials, heating sources, inlet and outlet temperatures, water flow rates for cooling and scrubbing, air flow rates, and points of air pollutant collection or exhaust.

L. Facility Emissions Summary

Instructions: Complete this section after completing forms PTE and FEE. Enter potential to emit (PTE) for each air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and the amount. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emission information.

NOx _____ tons/yr VOC _____ tons/yr SO2 _____ tons/yr
 PM-10 _____ tons/yr CO _____ tons/yr Lead _____ tons/yr
 Total HAP _____ tons/yr

Which individual HAP is emitted in the greatest amount? _____ What is the PTE? _____ tons/yr

Total emissions of regulated pollutants (for fee calculation) from section F, line 5 of form FEE _____ tons/yr

M. Existing Federally Enforceable Permits

Permit number(s) _____ Permit type _____ Permitting authority _____

Permit number(s) _____ Permit type _____ Permitting authority _____

N. Emission Unit(s) Covered by General Permits

Emission unit(s) to which the general permit applies _____

Check one: ☐ Application made/awaiting notification ☐ Coverage granted

General permit identifier _____ Expiration Date ____/____/____

O. Cross-referenced Information

Does this application cross-reference information from other applications or documents? ☐ YES ☐ NO (If yes, attach the document)

P. Responsible Official

Name: (Last) _____ (First) _____ (MI) _____

Title _____

Street or P.O. Box _____

City _____ State _____ ZIP _____ - _____

Telephone (____) _____ - _____ Ext. _____ Facsimile (____) _____ - _____

Q. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application (and attachments) are true, accurate and complete.

Name (signed) _____

Name (typed) _____ Date: ____ / ____ / ____

FOR OFFICIAL USE ONLY

Received _____ ☐ Complete ☐ Incomplete Date ____ / ____ / ____ Fee \$ _____ Date Paid ____ / ____ / ____

CDS Plant ID ____ / ____ / ____ NEDS Plant ID ____ / ____ / ____ AFS Plant ID (State/county/plant) ____ / ____ / ____

Comments _____

**U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71**

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID _____ Description _____ SIC Code (4-digit) _____ SCC Code _____

Emissions unit ID (air pollution control device) _____

B. Emissions Unit Description

Primary use _____ Temporary source ☐ Yes ☐ No Manufacturer _____

Model _____ Serial Number _____ Installation date ____/____/____

Boiler type ☐ Industrial boiler ☐ Process burner ☐ Electric utility boiler ☐ Other (describe) _____

Boiler horsepower rating _____ Boiler steam flow (lb/hr) _____

Type of fuel burning equipment (coal burning only):

- ☐ Hand fired ☐ Spreader stoker ☐ Underfeed stoker
☐ Overfeed stoker ☐ Traveling grate ☐ Shaking grate
☐ Pulverized, wet bed ☐ Pulverized, dry bed

Actual (average) heat input _____ MM BTU/hr Maximum design heat input _____ MM BTU/hr

C. Fuel Data

Instructions: Describe each fuel expected to be used during the term of the permit.

Primary fuel type(s) _____ Standby fuel type(s) _____

Fuel Type (e.g., natural gas, oil, coal, etc.)	Max Sulfur (%)	Max Ash (%)	BTU Value (per cf, gal or lb)

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type (e.g., natural gas, oil, coal, etc.)	Annual Actual Usage	Maximum Usage	
		Hourly	Annual

E. Applicable Requirements**Instructions:**

List the applicable requirement(s) that apply to this emissions unit, including a citation to the requirement and a brief text description of the standards, limitations and other requirements imposed by the applicable requirement. Note that more detail on the specific requirements imposed by the applicable requirement, as well as how compliance will be maintained, will be provided on form CC-1.

Applicable Requirement	Citation	Text Description of Standards, Limitations, and Other Requirements

F. Air Pollution Control Equipment

Emissions unit ID _____ Device type _____ Air pollutant(s) controlled _____
 Manufacturer _____ Model No. _____ Serial No. _____
 Installation date ____/____/____ Control efficiency (%) _____. Efficiency estimation method _____

G. Ambient Impact Assessment Information

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____ Inside stack diameter (ft) _____ Stack temp (°F) _____
 Design stack flow rate (ACFM) _____ Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID _____ Process description _____ SIC Code (4-digit) _____ SCC Code _____
Emissions unit ID (air pollution control device) _____

B. Emissions Unit Description

Equipment type _____ Temporary source ☐ Yes ☐ No Manufacturer _____
Model _____ Serial No. _____ Installation date ____/____/____
Articles being coated/degreased _____ Application method _____
Overspray (surface coating) (%) _____ Drying method _____ No. of dryers _____
Tank capacity (degreasers) (gal) _____

C. Applicable Requirements

Instructions: List the applicable requirement(s) that apply to this emissions unit, include a citation to the requirement and a brief text description of the standards, limitations, and other requirements imposed by the requirement.

Applicable Requirement	Citation	Text Description of Standards, Limitations and Other Requirements

D. Air Pollution Control Equipment

Emissions unit ID _____ Device type _____ Air pollutant(s) controlled _____
Manufacturer _____ Model _____ Serial No. _____
Installation date ____/____/____ Control efficiency (%) _____ Capture efficiency (%) _____
Efficiency estimation method _____

E. Ambient Impact Assessment Information

Instructions: This information must be completed for temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____ Inside stack diameter (ft) _____ Stack temp(°F) _____
Design stack flow rate (ACFM) _____ Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the name column, if providing a brand name of a substance, include the name of the manufacturer; if the substance contains HAP, list the constituent HAP.

[illegible]

**U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71**

APPLICATION FORM EUD-3 - EMISSION UNIT DESCRIPTION FOR PROCESS SOURCES

INSTRUCTIONS: Complete this form for each emission unit that is not primarily a VOC emitting unit or a fuel combustion unit.

A. General Information

Emissions unit ID _____ Description _____ SIC Code (4-digit) _____ SCC Code _____

Emissions unit ID (air pollution control equipment) _____

B. Emissions Unit Description

Primary use or equipment type _____ Temporary source ☐ Yes ☐ No

Manufacturer _____ Model _____ Serial number _____

Installation date ____/____/____ Raw materials _____

Finished products _____

C. Activity or Production Rates

Instructions: Enter actual and maximum activity rates for the materials that are processed or the number of activities performed. Actual rates are the rates that will be used to calculate actual emissions for fee purposes. Maximum rates are the rates used to calculate potential to emit for applicability purposes.

Activity or Production Rate	Amount/Hour	Amount/Year
Actual Rate		
Maximum Rate		

D. Applicable Requirements

Instructions: List the applicable requirement(s) that apply to this emission unit, including a citation to the requirement and a brief description of the standards, limitations, and other requirements imposed by the applicable requirement.

Applicable Requirement	Citation	Text Description of Standards, Limitations and Other Requirements

E. Air Pollution Control Equipment

Emissions unit ID _____ Device Type _____ Air pollutant(s) controlled _____
Manufacturer _____ Model No. _____ Serial No. _____
Installation date ____/____/____ Control efficiency (%) _____ Capture efficiency (%) _____
Efficiency estimation method _____

F. Ambient Impact Assessment Information

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____ Inside stack diameter (ft) _____ Stack temp(°F) _____
Design stack flow rate (ACFM) _____ Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM IE - INSIGNIFICANT EMISSIONS

INSTRUCTIONS: List each source eligible for insignificant treatment under § 71.5(c)(11)(ii). In the "number" column, indicate the number of units qualifying under each description. Each description must be specific enough to describe the source of emissions. List emission units separately if they have dissimilar descriptions, including dissimilar capacities or sizes and other factors. Please check the appropriate column to indicate whether the source meets the emissions criteria under § 71.5(c)(11)(ii)(A) and (B) for regulated air pollutants except hazardous air pollutant (RAP, except HAP), and for HAP, respectively.

Number	Description of Activities or Emission Units	RAP, except HAP	HAP

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM FEE - FEE CALCULATION WORKSHEET

INSTRUCTIONS: Use this form to initially or thereafter on an annual basis report actual emissions and calculate fees, consistent with § 71.9.

A. General Information

Instructions: All sources must complete this section.

Type of fee calculation worksheet (Check one):

☐ Initial

☐ Annual

Deadline for submitting fee calculation worksheet ____/____/____

For initial fee calculation worksheets, emissions are based on (Check one):

☐ Actual emissions for the preceding year

☐ Estimates of actual emissions for the preceding year

☐ Estimates of actual emissions for the current year

If you checked the last box, provide the date the facility commence operations ____/____/____

B. Source Information

Instructions: Complete this section only if you are not applying for a permit at this time.

Source or facility name _____

Mailing address: Street or P.O. Box _____

City _____ State _____ ZIP _____ - _____

Contact person _____ Title _____

Telephone (_____) _____ - _____ Ext. _____ Part 71 permit no. _____

C. Certification of Truth, Accuracy and Completeness

Instructions: This form must be signed by the responsible official.

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this fee calculation worksheet (and attachments) are true, accurate and complete.

Name (signed) _____

Name (typed) _____ Date: ____/____/____

Instructions: This form is used to report calendar-year actual emissions of regulated pollutants (for fee calculation) except for HAP, and is used for both initial and annual fee calculation purposes. Section E is used to report actual emissions of HAP. Quantify all actual emissions, including fugitives, but do not include insignificant emissions. Round to the nearest ton. Sum the emissions in each column and enter a subtotal at the bottom of the page. If a subtotal is greater than 4,000 tons, enter 4,000. Submit attachments showing calculations.

This data is for _____ (year).

[illegible]

	1990	1991	1992	1993	1994	1995
Subtotals	100.0	100.0	100.0	100.0	100.0	100.0

F. Fee Calculation Worksheet

Instructions: This section of the form is used to calculate the total fee owed for initial application or annual fee payment purposes. Unless otherwise instructed to proceed to a different line, always proceed to the next line. If you do not need to reconcile estimated against actual emissions, complete the part for emissions calculation (lines 1 - 5) and then proceed to the part for fee calculation (lines 21 - 26). A final permit or permit revision will not be issued until all fees, interest, and penalties assessed against a source are paid. In addition, the initial application for a source will not be found complete unless the source pays all fees owed.

EMISSIONS CALCULATION

1. Sum the subtotals from section D of this form and enter the result on this line. _____
2. Sum the subtotals from section E of this form and enter the result on this line. _____
3. Total lines 1 and 2 and enter the result on this line. _____
4. Sources are not required to pay fees twice for the same emissions [see § 71.9(c)(5)(ii)]. Enter the amount of emissions that were counted twice. Attach supplementary information identifying the emissions units where double counting has occurred and explain why double counting has occurred. If there has been no double counting enter "0." _____
5. Subtract the amount on line 4 from the amount on line 3, round to the nearest ton, and enter the result on this line. _____

**RECONCILIATION OF ESTIMATED EMISSIONS AGAINST ACTUAL EMISSIONS
(WHEN INITIAL ESTIMATES WERE BASED ON THE CURRENT CALENDAR YEAR)**

Only complete this part of the worksheet (lines 6 - 10) if you are now preparing the first annual fee worksheet and the initial fee worksheet included estimated emissions for the current calendar year. See §§ 71.9(e)(2) and 71.9(h)(3). Otherwise skip this part of the form and proceed to the next part of the form (starting at line 11) or to the fee calculation part of the form (starting at line 21).

6. Enter the total estimated emissions previously reported on line 5 of the initial fee calculation worksheet. These are estimated emissions for the year that the initial fee worksheet was submitted. _____
7. If the amount on line 5 of this form is greater than the amount on line 6, subtract line 6 from line 5, and enter the result on this line. Otherwise enter "0." _____
8. If the amount on line 6 is greater than the amount on line 5, subtract line 5 from line 6, and enter the result on this line. Otherwise enter "0." _____
9. Multiply the amount on line 7 by (last year's \$/ton amount¹), and enter the result on this line. This is the amount of underpayment. Go to line 21. \$ _____
10. Multiply the amount on line 8 by (last year's \$/ton amount), and enter the result on this line. This is the amount of overpayment. Go to line 21. \$ _____

¹ \$/ton amounts to be determined at the time of program implementation, see § 71.9(c)(1) - (3).

**RECONCILIATION OF ESTIMATED EMISSIONS AGAINST ACTUAL EMISSIONS
(WHEN INITIAL ESTIMATES WERE BASED ON THE PRECEDING CALENDAR YEAR)**

Only complete this part of the worksheet (lines 11 - 20) if you are now preparing the first annual fee worksheet and the initial fee worksheet included estimated emissions for the preceding calendar year. See §§ 71.9(f)(2) and 71.9(h)(3). If you must complete this part of the form, you must also submit annual emission reports (sections D and E) for the year preceding initial worksheet submittal. Otherwise skip this part of the form and proceed to the fee calculation part of the form (lines 21 through 26).

11. Sum the subtotals from section D for the calendar year preceeding initial fee worksheet submittal and enter the result on this line. _____
12. Sum the subtotals from section E for the calendar year preceeding initial fee worksheet submittal and enter the result on this line. _____
13. Total lines 11 and 12 and enter the result on this line. This is the total actual emissions for the calendar year preceding initial fee worksheet submittal. _____

RECONCILIATION OF ESTIMATED EMISSIONS AGAINST ACTUAL EMISSIONS
(WHEN INITIAL ESTIMATES WERE BASED ON THE PRECEDING CALENDAR YEAR)
 --- CONTINUED ---

14. Sources are not required to pay fees twice for the same emissions [see § 71.9(c)(5)(iii)]. Enter the amount of emissions (actual emissions for the year preceding initial worksheet submittal) that were counted twice. Attach supplementary information identifying the emissions units where double counting has occurred and explain why double counting has occurred. If there has been no double counting enter "0." _____
15. Subtract the amount on line 14 from the amount on line 13, round to the nearest ton, and enter the result on this line. _____
16. Enter the total estimated emissions previously reported on line 5 of the initial fee calculation worksheet. These are estimated emissions for the calendar year preceding initial fee worksheet submittal. _____
17. If the amount on line 15 is greater than the amount on line 16, subtract line 16 from line 15, and enter the result on this line. Otherwise enter "0." _____
18. If the amount on line 16 is greater than the amount on line 15, subtract line 15 from line 16, and enter the result on this line. Otherwise enter "0." _____
19. Multiply the amount on line 17 by (last year's \$/ton amount¹) and enter the result on this line. This is the amount of underpayment. \$ _____
20. Multiply the amount on line 18 by (last year's \$/ton amount) and enter the result on this line. This is the amount of overpayment. \$ _____

FEE CALCULATION

21. Multiply the amount on line 5 on this form by (this year's \$/ton amount) and enter the result on this line. \$ _____
22. If you have reconciled estimated against actual emissions, enter the underpayment from line 9 or 19 on this line. Otherwise enter "0." \$ _____
23. If you have reconciled estimated against actual emissions, enter the overpayment from line 10 or 20 on this line. Otherwise enter "0." \$ _____
24. If the amount on line 22 is greater than "0," add this amount to the amount on line 21 and enter the result on this line. If the amount on line 23 is greater than "0," subtract this amount from the amount on line 21 and enter the result on this line. Otherwise enter the amount on line 21 on this line. This is the fee adjusted for reconciliation. \$ _____
25. If your account was credited for fee assessment error [see § 71.9(j)] since the last time you submitted a fee calculation worksheet, enter the amount of the credit on this line. Otherwise enter "0." \$ _____
26. Subtract the amount on line 25 from the amount on line 24 and enter the result on this line. Stop here. This is the total fee amount that you must remit to EPA. \$ _____

PENALTIES AND INTEREST

Payment received later than the due date shall be assessed interest and, in certain cases, penalty charges. If payment is late, do not calculate penalties and interest at this time. The permitting authority will assess these and mail you an invoice.

**U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71**

FORM CP - COMPLIANCE PLAN

INSTRUCTIONS: Complete this form once for the facility.

A. Description of Compliance Status of the Source with Respect to all Applicable Requirements

Except as indicated in section B, this facility will be in compliance with all applicable requirements at the time of permit issuance and this facility will continue to comply with these requirements

☐ YES ☐ NO

This facility will meet all applicable requirements that take effect during the term of the permit on a timely basis

☐ YES ☐ NO

B. Description for Applicable Requirements for which the Facility will not be in Compliance at Permit Issuance

Unit ID	Applicable Requirement	Narrative Description of How Compliance Will be Achieved

C. Schedule of Compliance

Instructions: Complete this section if the source is not in compliance with an applicable requirement at permit issuance or if a detailed schedule is required by an applicable requirement, judicial consent decree or administrative order. For sources not in compliance, the schedule must contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance. You must include the date of final compliance in the schedule.

Unit ID	Applicable Requirement	Remedial Measure or Action	Date Milestone or Action Will be Achieved

D. Progress Reports

Instructions: Complete this section if the facility is required to have a schedule of compliance to remedy a violation. Progress reports must be submitted at least every 6 months during the term of the permit.

Frequency for submittal of progress reports _____ Starting date for submittal of progress reports ____/____/____

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FORM CC-1 - COMPLIANCE CERTIFICATION (METHOD OF COMPLIANCE)

INSTRUCTIONS: Complete this form for each applicable requirement at each emissions unit or for multiple emissions units if the applicable requirement will be complied with in the same way at the units.

A. Identification of Emission Unit and Applicable Requirement

Emission unit ID(s) _____

Applicable requirement (cite and describe in detail) _____

B. Description of Methods for Complying with the Applicable Requirement

Instructions: Indicate each method for assuring compliance with the applicable requirement described above on a separate line below. Identify the type of method, describe the method briefly, and indicate whether it is based on the applicable requirement or the periodic monitoring requirements of title V.

Method of Compliance (monitoring, testing, recordkeeping, or reporting)	Description of Method of Compliance	Basis	
		Applicable Requirement	Periodic Monitoring

U.S. ENVIRONMENTAL PROTECTION AGENCY
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FORM CC-2 - COMPLIANCE CERTIFICATION

INSTRUCTIONS: This form must be completed once for the facility with respect to all applicable requirements at the facility and must be signed by a responsible official.

A. Schedule for Submission of Compliance Certifications During the Term of the Permit

Instructions: Indicate how often you are required to submit compliance certifications and when the first one will be submitted. Compliance certifications are required to be submitted at least once per year during the term of the permit.

Frequency of submittal _____ Beginning ____/____/____

B. Statement of Compliance with Enhanced Monitoring and Compliance Certification Requirements

The facility is in compliance with all applicable enhanced monitoring and compliance certification requirements

☐ YES ☐ NO

C. Certification of Compliance With All Applicable requirements:

Instructions: This certification must be signed by a responsible official. Applications without a signed compliance certification will be returned as incomplete.

I certify that based on information and belief formed after reasonable inquiry, the part 71 source identified in this application is

☐ in compliance with all applicable requirements.

☐ not in compliance with all applicable requirements.

Signature _____ Date: ____/____/____

Name (typed) _____